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UTILITY PATENT APPLICATION TRANSMITTAL

First Inventor Michael W. Murphy Title ULTRA SHORT HIGH PRESSURE GRADIENT FLOW PATH FLOW FIELD	Attorney Docket No.			8540G-000233 (GP-303355)						
	First Inventor Mic			nael W. Murphy						
	Title		SHOR	T HIGH PRESSURE GRADIENT FLOW PATH FLOW						

[<u> </u>		-					
(Only for n	new nonprovisiona	l applications unde	r 37 C.F.R. 1.53(b))	E	xpress Mail Label	No.	EL 623 311 909 0	JS	ميظ		
See MPEP o		ICATION ELI	EMENTS application contents.		ADDRES	s TC	Commission P.O. Box 14	atent Application ner for Patents I50 VA 22313-1450	U.S. 75881		
2.	<i>Submit an original ar</i> Applicant claims	Form (e.g., PTO od a duplicate for fee p s small entity state	rocessing)		Comp 8. Nucleotid	7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) 8. Nucleotide and/or Amino Acid Sequence Submission					
3. S (Descriptive title o Cross Reference Statement Regar Reference to seq	[To ment set forth below f the Invention s to Related Applica ding Fed sponsored uence listing, a tabl	Specifications filed in English Englis		a. Com b. Specific i. CD ii. pa	nputer ation so- D-ROM oper	I necessary) Readable Form Sequence Listing I or CD-R (2 cop s verifying identi	g on:			
	or a computer pro Background of th	ogram listing append e Invention	dix		AC	COM	PANYING APPL	ICATIONS PARTS			
	Brief Summary of Brief Description Detailed Descript Claim(s)	the Invention of the Drawings <i>(if</i> ion	filed)		10. 🔲 37	C.F.R.	•	er sheet & document(s nent Power of ee) Attorney	;))		
	Abstract of the Di	sclosure			11. 🔲 Eng	glish T	ranslation Docu	ment (if applicable)			
	rawing(s) (<i>35 L</i> Declaration		otal Sheets 8] 1			on Disclosure at (IDS)/PTO-144	Copies of Citations	IDS		
a. 🛛	Newly execute	ed (original or cop	·	•		elimina	ry Amendment		•		
b. 🔲	Copy from a pr	rior application (3	7 CFR 1.63 (d))				eceipt Postcard				
_	_(for a continua	tion/divisional wit	h Box 18 completed	d)	· — ·		<i>e specifically ite</i> Copy of Priority I	•			
i. [_		OF INVENTOR nt attached deleting			_ (if	foreigi	n priority is claim	ed)			
ļ	named in the pr	ior application, see						tion under 35 U.S.C.			
. 57	1.63(d)(2) and 1	• •	5 . 5				iyalent.	st attach form PTO/Si	2/32		
6. 🛛 Apr	plication Data S	heet. See 37 CF	R 1.76			ner:					
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		eet under 37 CFR		ippiy	the requisite into	omnauc	on below and in a	preliminary amendmen	и,		
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	plication information					Gro	up / Art Unit:	_			
For CONTIN	IUATION or DIVIS b. is considered	SIONAL APPS only a part of the disci	/: The entire disclosure of the accomp	ire o	f the prior applic	ation, i	from which an oa	th or declaration is sup by incorporated by refer	plied		
			en a portion has beer								
			17. CORRESP	PON	DENCE ADDRE	ESS					
☑ Custon	mer Number or Ba		27 Insert Customer No. o	-	72 or Correspondence address below						
	Harpose Dick	دسا ey & Pierce, P.L.		71116	acii bai code labe	11010)			•		
Name	Linda M. Des	-	<u>. </u>			·.	.,				
	P.O. Box 828				·	***		•			
Address											
City	Bloomfield Hills State				МІ	•	Zip Code	48303			
Country	United States	of America	Telephone		248-641-1600		Fax	248-641-0270			
Name (Pr	int/Type)	Linda M. Desch	ere	T	Registration No.	. (Attoi	rney/Agent)	34,811			
Signature	1	1/1	0				Date	January 16, 2004			



FEE TRANSMITTAL for FY 2004

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

1418

	Complete if Known	
Application Number	To be assigned	_
Filing Date	To be assigned	
First Named Inventor	Michael W. Murphy	
Examiner Name	To be assigned	
Art Unit	To be assigned	
Attorney Docket No.	8540G-000233 (GP-303355)	

	М	ETHOD OF P	AYME	NT (check all	that apply	<i>(</i>)					FEE C	ALCULATION (continued)	
☐ Check	. п	Credit card		Money □ O	ther 🗍	None		3. ADI	ANOITIC	L FEES			•
	_		_	Order				Large	Entity	Small I	Entity		
						Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid		
Accol		07-0960						1051	130	2051	65	Surcharge - late filing fee or oath	
Numb								1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
Depo	sit							1053	130	1053	130	Non-English specification	
Accou		General N	Aotors (Corporation				1812	2,520	1812	2,520	For filing a request for reexamination	
Name		authorized 1	o: (ch	neck all that a	nnlv)			1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
☑ Charg	e fee(s) indicated be	elow	☑ Credit any ring the pende	overpayr		1	1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
				except for the	e filing fe	8		1251	110	2251	55	Extension for reply within first month	
to the abo	ove-ide	ntified depos FE		LCULATION				1252	420	2252	210	Extension for reply within second month	
1. B	ASIC E	ILING FEE						1253	950	2253	475	Extension for reply within third month	
Large Ent	tity	Small Entit	_					1254	1,480	2254	740	Extension for reply within fourth month	
	Fee (\$)	Fee Fee Code (\$)		ee Descriptio	<u>n</u>	Fee Pald		1255	2,010	2255	1,005	Extension for reply within fifth month	
	770	2001 38		Jtility filing fee		770	٦	1401	330	2401	165	Notice of Appeal	
	340		385 Utility filing fee 770 170 Design filing fee					1402	330	2402	165	Filing a brief in support of an appeal	
	530	2003 26						1403	290	2403	145	Request for oral hearing	
1004	770	2004 385	5 R	Reissue filing fe			1	1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1005	160	2005 80	Р	rovisional fillin	g tee		┙	1452	110	2452	55	Petition to revive - unavoidable	
		SUBT	OTAL	(1)	1	(\$) 770	٦	1453	1,330	2453	665	Petition to revive - unintentional	
								1501	1,330	2501	665	Utility issue fee (or reissue)	
2. EXTR	A CLAI	M FEES						1502	480	2502	240	Design issue fee	
					Fee from selow	Fee Paid		1503	640	2503	320	Plant issue fee	
Total Claims	s 49	-20 **		29 X	18	= 522	7	1460	130	1460	130	Petitions to the Commissioner	
Independent			F				าี	1807	50	1807	50	Processing fee under 37 CFR 1.17 (q)	
Claims	4	-3 **	=	1 × [86	= 86	_	1806	180	1806	180	Submission of Information Disclosure Stmt	
Multiple Dependent Large Ent	Htu	ı Small E	entitu	x [= 0	_	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	40
Fee	Fee	Fee	Fee					1809	770	2809	385	Filing a submission after final rejection	\vdash
Code	(\$)	Code	(\$) Fee Description								(37 CFR § 1.129(a))		
1202	18	2202	-	9 Claims in excess of 20				1810	770	2810	385	For each additional invention to be	
1201	86	2201		 43 Independent claims in excess of 3 145 Multiple dependent claim, if not paid 								examined (37 CFR § 1.129(b))	<u> </u>
1203	290	2203	145					1801	770	2801	385	Request for Continued Examination (RCE)	
1204	86	2204	43 ** Reissue independent claims over original patent ** Reissue claims in excess of 20 and					1802	900	1802	900	Request for expedited examination of a design application	
1205	18	2205	9	over origina		xcess of 20 a	na	Other f	e (speci	fv)		•	
			SU	BTOTAL (2)	(\$) 608								
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SUBMITTED BY		Co	Complete (if applicable)			
Name (Print/Type)	Linda M. Deschere	Registration No. Attorney/Agent)	34,811	Telephone	(248) 641-1600	
Signature	0	le		Date	January 26, 2004	